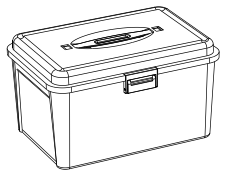
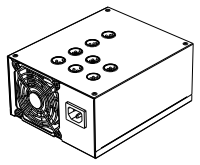
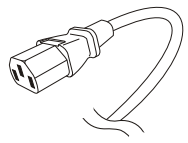
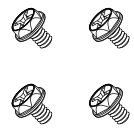
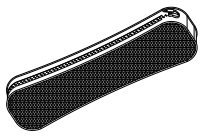
Package Content

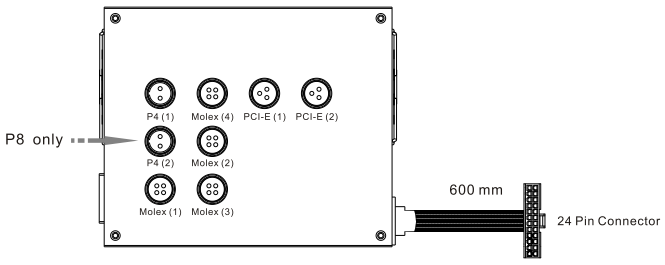

Tool Box


PSU

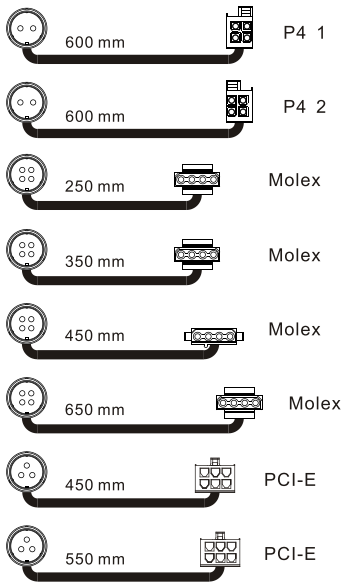

Power Cord


Screws

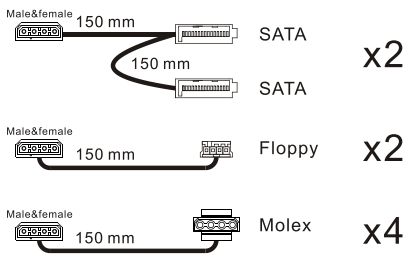

Travel PAK



Main Connections



ExTender™ connections



The drawings shown are for illustration only and may differ slightly from the actual product

HIPER™

www.hipergroup.com

TYPE R 730W

For HPU-4S730-xx

User's Guide
Manuel d'utilisation
使用说明书
使用說明書
取扱説明書
사용자 안내서
Benutzerhandbuch
Guida all'uso
Guía del usuario
Guia do Utilizador
Руководство пользователя
Podręcznik Użytkownika
Användarhandbok
Kullanım Kılavuzu
Felhasználói útmutató
مرشد لمستعمل
راهنمای کاربران
Bruker Guide

RoHS compliance

Printed on recycled paper

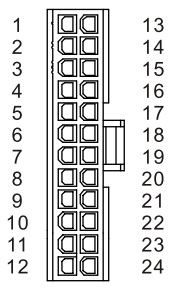
For technical support, please contact info@hipergroup.com or visit www.hipergroup.com
©2006 High Performance Group. All rights reserved.

Revision 2.0

Color, pin, and signal assignment of output power connectors:

ATX Main Power Connector, 24 pin

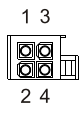
Pin	Color	Signal	Pin	Color	Signal
1	Orange	+3.3V	13	Orange	+3.3V
2	Orange	+3.3V	14	Blue	-12V
3	Black	COM	15	Black	COM
4	Red	+5V	16	Green	PS-ON
5	Black	COM	17	Black	COM
6	Red	+5V	18	Black	COM
7	Black	COM	19	Black	COM
8	Gray	PG	20	N.C.	
9	Purple	+5Vsb	21	Red	+5V
10	Yellow	+12V1	22	Red	+5V
11	Yellow	+12V1	23	Red	+5V
12	Orange	+3.3V	24	Black	COM



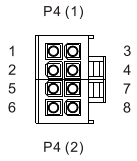
+12V Power Connector (P4), 4 pin

P4 (1)

Pin	18 AWG Wire	Signal
1	Black	COM
2	Black	COM
3	Yellow	+12V2DC
4	Yellow	+12V2DC



+12V Power Connector (P8),8 pin



Pin	18 AWG Wire	Signal
1	Black	COM
2	Black	COM
3	Yellow	+12V2DC
4	Yellow	+12V2DC
5	Black	COM
6	Black	COM
7	Yellow	+12V2DC
8	Yellow	+12V2DC

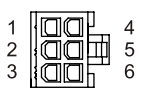
PCI-E Power Connector, 6 pin

PCI-E (1)

Pin	18 AWG Wire	Signal
1	Yellow	+12V4DC
2	Yellow	+12V4DC
3	Yellow	+12V4DC
4	Black	COM
5	Black	COM
6	Black	COM

PCI-E (2)

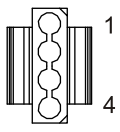
Pin	18 AWG Wire	Signal
1	Yellow	+12V3DC
2	Yellow	+12V3DC
3	Yellow	+12V3DC
4	Black	COM
5	Black	COM
6	Black	COM



Peripheral Power Connector (Molex), 4 pin

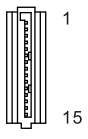
Molex (1,2,3,4)

Pin	18 AWG Wire	Signal
1	Yellow	+12V1DC
2	Black	COM
3	Black	COM
4	Red	+5VDC



Serial ATA Power Connector, 15 pin

Pin	20 AWG Wire	Signal
1-3		NC
4-6	Black	COM
7-9	Red	+5V
10-12	Black	COM
13-15	Yellow	+12V1



Floppy Drive Power Connector, 4 pin

Pin	22 AWG Wire	Signal
1	Yellow	+12V1DC
2	Black	COM
3	Black	COM
4	Red	+5VDC

Specifications

Specification	Description	HPU-4x730-xx
Wattage	Rated Wattage	730 Watts
	Peak Load	780 Watts
Switch Type	Manual	Rocker
	Auto Standby	ATX Logic
Front Fan	80 x 80 x 10 mm - R.P.M.	1500 ~ 3000 R.P.M.
	Bearing Type	Sleeve Bearing
Rear Fan	80 x 80 x 15 mm - R.P.M.	1500 ~ 3000 R.P.M.
	Bearing Type	Sleeve Bearing
Input Parameter	Voltage Range	195 - 240V
	Current	6A
	Frequency Range	50 - 60 Hz
ATX	Form Factor	2.2
Efficiency	Average	80%
Output Parameter	+5V (± 5%)	0.5A - 24A
	+12V 1 (± 5%)	0A - 16A
	+12V 2 (± 5%)	0A - 16A
	+12V 3 (± 5%)	0.9A - 16A
	+12V 4 (± 5%)	0.1A - 16A
	-12V (± 10%)	0A - 0.5A
	+5VSB (± 5%)	0A - 3A
	+3.3V (± 5%)	0.8A - 24A
Output Load Regulation	+12V1 & +12V2 & +12V3 & +12V4	< 672W
	+3.3V & +5V	< 140W
	+3.3V, +5V & +12V	< 710W
Output Voltage Protection	+3.3V	< 4.5V
	+5V	< 6.8V
	+12V	< 15.6V
Power Good Signal	Rise Time	< 20 ms
	Signal On	100 - 500 ms
	Signal Off	< 1 ms
	Power Hold	16 ms min
Chassis	Thickness	1.0 mm
PFC	Power Factor Correction	Active
Unit Size	Dimension	150 x 180 x 86 mm
		5.9" x 7.1" x 3.4"
Weight	Net Weight	3.3 kg

* Features and specifications are subject to change without prior notice.

Warranty Information

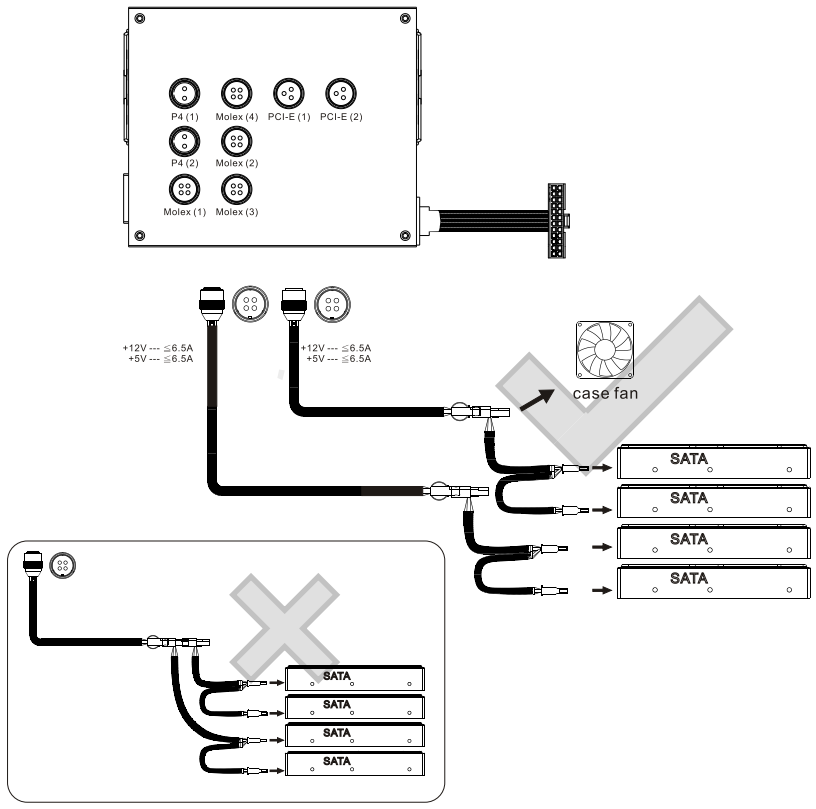
High Performance Group guarantees that this device is free of defect in material & workmanship, and provides three-year RTB warranty for the device, commencing form the date of purchase. Please keep your receipt in a safe place.

This product is designed for computer usage only. Using this device in any other application will void the warranty. If please ask for professional assistance.

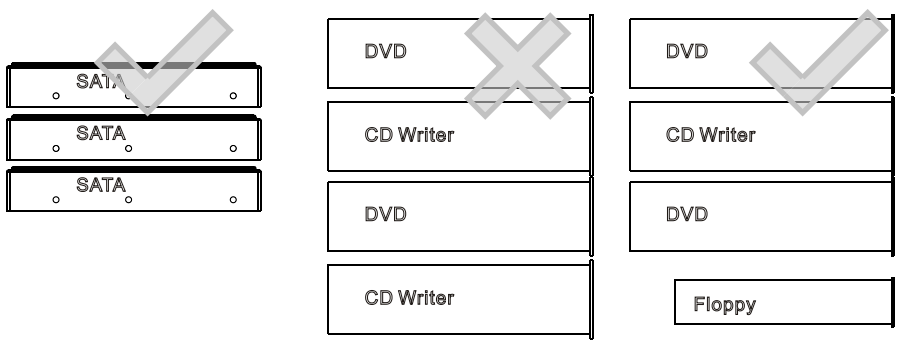
The warranty is offered to the device caused by normal use. The warranty is void if determined that the device is damaged because of abuse, alteration, misuse, negligence, incorrect voltage supply, air /water pollution accidents and natural calamities.

HIPER is a registered trademark of High Performance Group
All other trademarks are registered to their respective owners.

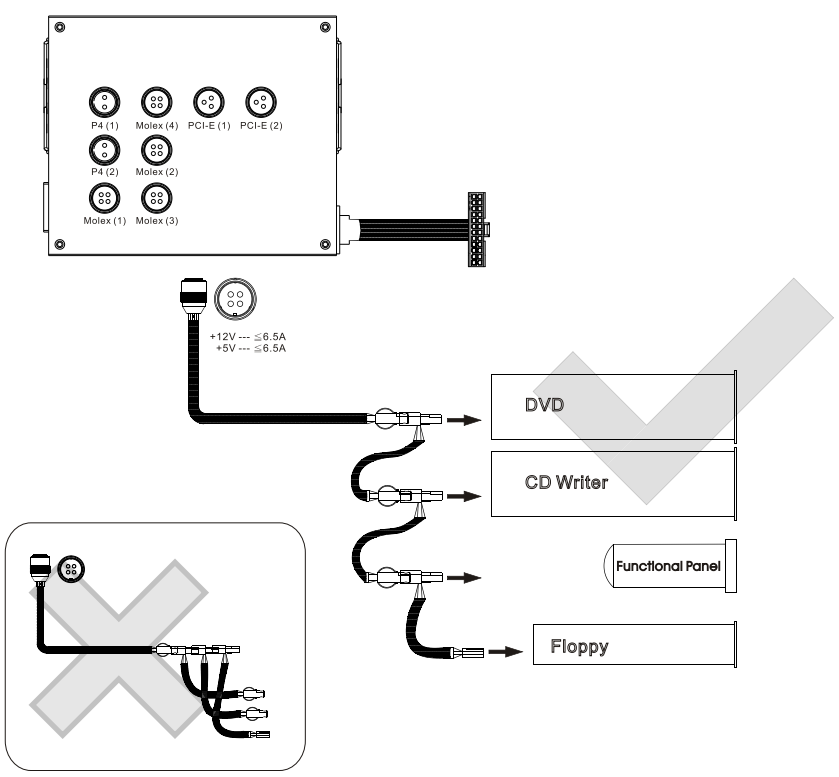
SATA HDD



For each Molex cable (from PSU):



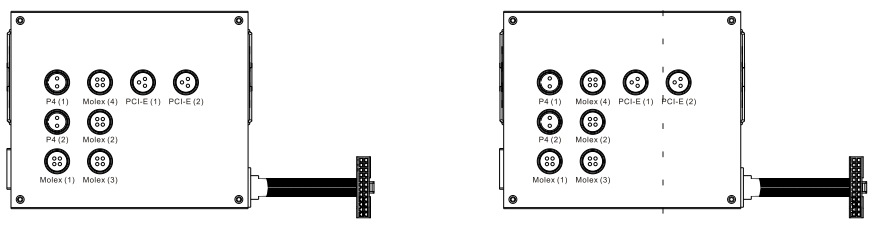
Peripherals

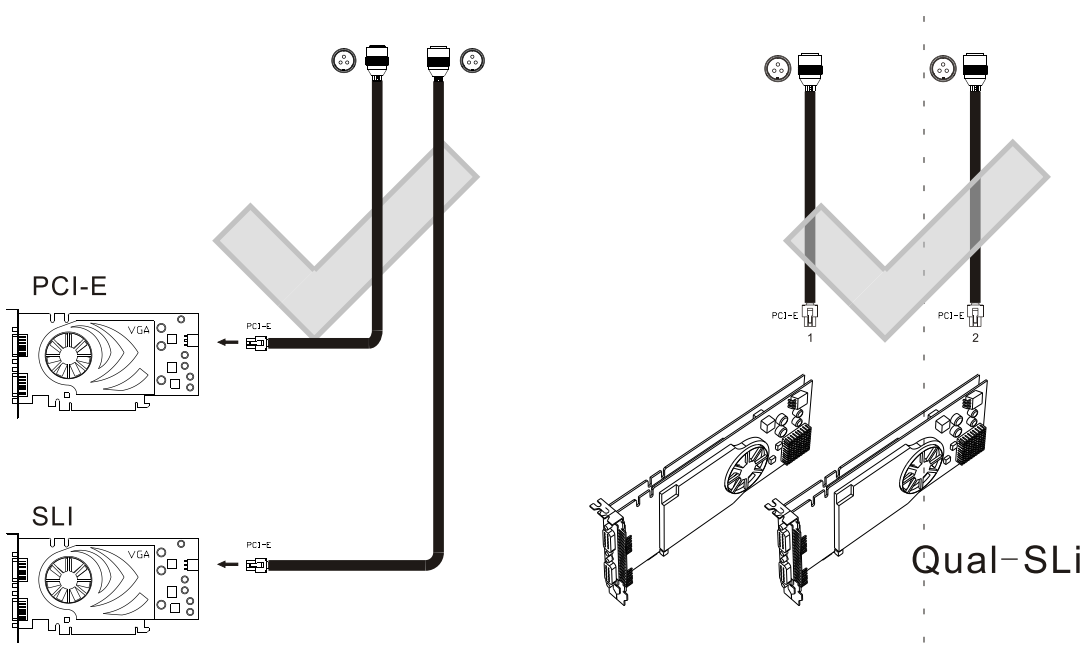


⚠ Each Molex cable (from PSU) has capacity of approximately +12V---≦6.5A and +5V---≦6.5A due to wire limitations. When using ExTender™ to connect devices, for stability, it is recommended that you do not connect over 4 peripherals with a maximum of 3 hard or optical drives.

Typical Current Consumption (Estimates)			
Devices	+5V	+12V	Total (A)
High performance fan		0.25	0.25
High performance hard drive	0.8	2	2.8
CD-RW	1.2	0.8	2
DVD	1.2	1.1	2.3
Floppy	0.8		0.8
PCI-E VGA Card		7	7

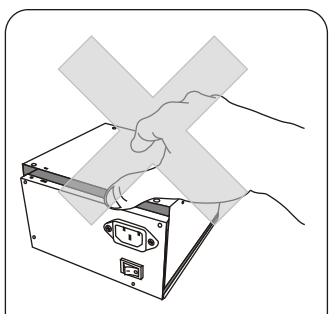
PCI-E VGA card





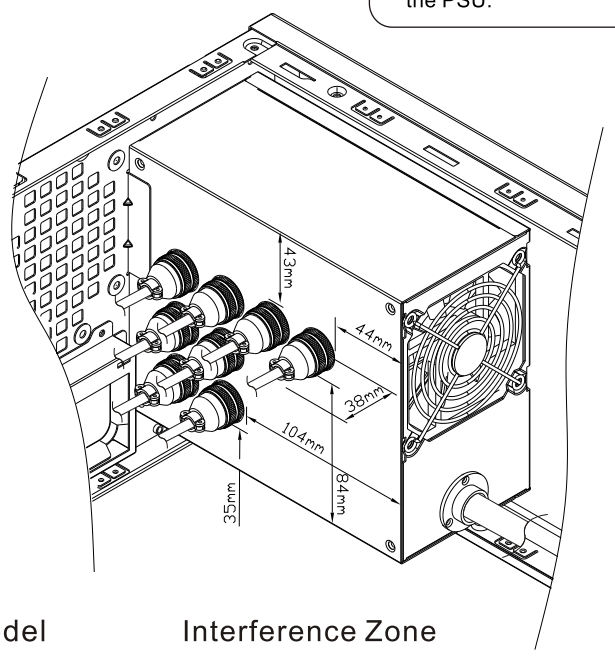
SLi is for HPU-4x5xx and higher model

Qual-SLi is for HPU-4x6xx and higher model



⚠ Do not open the top cover to avoid electrical shock or possible injury.

⚠ For US model it is 100-240V , for EU model it is 195-240V. Please do not use the incorrect model for your area in terms of voltage as it might damage the PSU.



Interference Zone

The drawings shown are for illustration only and may differ slightly from the actual product

♻ Printed on recycled paper